



Product Evaluation

DR848 | 0517

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-848

Effective Date: May 1, 2017

Re-evaluation Date: January 2021

Product Name: 6'-0" x 10'-0" Solid Mahogany Stile and Rail Wood Glazed and Opaque Outswing Side Hinged Double Doors, Impact Resistant

Manufacturer: Exclusive Wood Doors
1950 NW 70th Ave
Miami, FL 33126
(305) 477-7140

General Description:

System	Description	Design Pressure Rating	Drawing Number
1	6'-0" x 10'-0" Solid Mahogany Stile and Rail Wood Glazed Outswing Hinged Doors (XX)	+70/-70 psf	EXD008
2	6'-0" x 10'-0" Solid Mahogany Stile and Rail Wood Opaque Outswing Hinged Doors (XX)	+70/-70 psf	EXD009

Product Dimensions:

System	Overall Size	Max. Panel Size	Max. Daylight Opening Door
1	74-1/4" x 122"	36" x 120"	24" x 104"
2	74-1/4" x 122"	36" x 120"	NA

Components and Hardware:

System	Component	Qty	Attachment Method
1	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD008 titled: "Glazed Outswing Wood Door Impact Rated General and Installation Notes" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	
2	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD009 titled: "Opaque Outswing Wood Door Impact Rated" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	
1	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD008 titled: "Glazed Outswing Wood Door Impact Rated General and Installation Notes" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	
2	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD009 titled: "Opaque Outswing Wood Door Impact Rated" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	
1	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD008 titled: "Glazed Outswing Wood Door Impact Rated General and Installation Notes" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	
2	4.5" Ball Bearing Hinges	4	Install hardware and components in accordance with Exclusive Wood Doors, Inc. drawing No. EXD009 titled: "Opaque Outswing Wood Door Impact Rated" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Cylindrical Lock: Kwikset Grade 2 or better	1	
	Deadbolt: Kwikset Grade 1	1	
	or		
	Five Point Lock System: Trilennium Series w/ Shoot Bolt (Stainless Steel)	1	

Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self Labeled by Manufacturer
	Manufacturer's Name or Code Name	Exclusive Wood Doors
	Product Name	Series EWD Glazed Wood Swinging Doors
	Test Standards	TAS 201/202/203-94 / Large Missile Impact Rated
2	Certification Agency	Self Labeled by Manufacturer
	Manufacturer's Name or Code Name	Exclusive Wood Doors
	Product Name	Series EWD Opaque Wood Swinging Doors
	Test Standards	TAS 201/202/203-94 / Large Missile Impact Rated

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. The products passed the equivalent of Missile Level D in ASTM E 1996-04. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to, or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Install and anchor doors in accordance with Exclusive Wood Doors, Inc. drawings number: EXD008 titled: "Glazed Outswing Wood Door Impact Rated General and Installation Notes" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	
2	Type of Installation	Install and anchor doors in accordance with Exclusive Wood Doors, Inc. drawings number: EXD009 titled: "Opaque Outswing Wood Door Impact Rated" sheets 1 thru 13 of 13, dated November 2, 2016, signed and sealed by Hermes F. Norero P.E. on January 5, 2017.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.